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NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 NOV 21 CAS patent coverage to include exemplified prophetic  
substances identified in English-, French-, German-,  
and Japanese-language basic patents from 2004-present  
NEWS 3 NOV 26 MARPAT enhanced with FSORT command  
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NEWS 5 NOV 26 Two new SET commands increase convenience of STN  
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NEWS 6 DEC 01 ChemPort single article sales feature unavailable  
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coverage of complete UK patent families  
NEWS 8 DEC 17 Fifty-one pharmaceutical ingredients added to PS  
NEWS 9 JAN 06 The retention policy for unread STNmail messages  
will change in 2009 for STN-Columbus and STN-Tokyo  
NEWS 10 JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent  
Classification Data  
NEWS 11 FEB 02 Simultaneous left and right truncation (SLART) added  
for CERAB, COMPUAB, ELCOM, and SOLIDSTATE  
NEWS 12 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING  
NEWS 13 FEB 06 Patent sequence location (PSL) data added to USGENE  
NEWS 14 FEB 10 COMPENDEX reloaded and enhanced  
NEWS 15 FEB 11 WTEXTILES reloaded and enhanced  
NEWS 16 FEB 19 New patent-examiner citations in 300,000 CA/CAplus  
patent records provide insights into related prior  
art  
NEWS 17 FEB 19 Increase the precision of your patent queries -- use  
terms from the IPC Thesaurus, Version 2009.01  
NEWS 18 FEB 23 Several formats for image display and print options  
discontinued in USPATFULL and USPAT2  
NEWS 19 FEB 23 MEDLINE now offers more precise author group fields  
and 2009 MeSH terms

NEWS 20 FEB 23 TOXCENTER updates mirror those of MEDLINE - more  
precise author group fields and 2009 MeSH terms  
NEWS 21 FEB 23 Three million new patent records blast AEROSPACE into  
STN patent clusters  
NEWS 22 FEB 25 USGENE enhanced with patent family and legal status  
display data from INPADOCDB  
NEWS 23 MAR 06 INPADOCDB and INPAFAMDB enhanced with new display  
formats

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 10:32:07 ON 10 MAR 2009

=> FILE REGISTRY

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		0.22	0.22

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STRUCTURE FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4  
DICTIONARY FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

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<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=> S LQDNPQEVIK/SQEP
      1 LQDNPQEVIK/SQEP
      191593 SQL=10
L1      1 LQDNPQEVIK/SQEP
      (LQDNPQEVIK/SQEP AND SQL=10)
```

=> D L1

```
L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 672285-10-8 REGISTRY
ED Entered STN: 07 Apr 2004
CN L-Lysine, L-leucyl-L-glutaminyL-L-a-aspartyl-L-asparaginyL-L-prolyl-
   L-glutaminyL-L-a-glutamyl-L-valyl-L-isoleucyl- (9CI) (CA INDEX
   NAME)
OTHER NAMES:
CN 1: PN: EP1398321 SEQID: 1 claimed sequence
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C51 H86 N14 O18
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
```

Absolute stereochemistry.

**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FILE CAPLUS

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		11.14	11.36

FILE 'CAPLUS' ENTERED AT 10:34:01 ON 10 MAR 2009  
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FILE COVERS 1907 - 10 Mar 2009 VOL 150 ISS 11  
FILE LAST UPDATED: 9 Mar 2009 (20090309/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> FILE USPATFULL

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		0.50	11.86

FILE 'USPATFULL' ENTERED AT 10:34:13 ON 10 MAR 2009  
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 10 Mar 2009  
(20090310/PD)  
FILE LAST UPDATED: 10 Mar 2009 (20090310/ED)  
HIGHEST GRANTED PATENT NUMBER: US7503077  
HIGHEST APPLICATION PUBLICATION NUMBER: US20090064384  
CA INDEXING IS CURRENT THROUGH 10 Mar 2009 (20090310/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 10 Mar 2009 (20090310/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2008  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2008

USPATFULL now includes complete International Patent Classification (IPC)  
reclassification data for the third quarter of 2008.

=> S L1

L2        1 L1

=> D BIB AB

L2 ANSWER 1 OF 1 USPATFULL on STN

AN 2009:12967 USPATFULL <<LOGINID::20090310>>

TI Forisomes, Method for Their Isolation, and Their Use as a Molecular  
Working Machine

IN Knoblauch, Michael, Butzbach, GERMANY, FEDERAL REPUBLIC OF  
Prufer, Dirk, Koln, GERMANY, FEDERAL REPUBLIC OF

PA FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER  
ANGEWANDTEN FORSCHUNG e.V.,

Munchen, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

PI US 20090012262 A1 20090108

AI US 2003-605104 A1 20030909 (10)

PRAI DE 2002-10241681 20020909

DT Utility

FS APPLICATION

LREP GUDRUN E. HUCKETT DRAUDT, SCHUBERTSTR. 15A, WUPPERTAL,  
42289, DE

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 7 Drawing Page(s)

LN.CNT 812

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A protein body derivable from Fabaceae has a reversible, anisotropic  
contractability such that the protein body becomes thicker perpendicular  
to a longitudinal axis of the protein body and shorter along the  
longitudinal axis of the protein body when increasing a calcium ion  
concentration in a medium surrounding the protein body past a threshold  
value of 30 nM. The protein body becomes thinner perpendicular to the  
longitudinal axis and longer along the longitudinal axis when decreasing

the calcium ion concentration below the threshold value of 30 nM. Also, the protein body becomes thicker in the direction perpendicular to the longitudinal axis when increasing a pH value of a medium surrounding the protein body to a value above 9.5 without becoming shorter along the longitudinal axis. The protein body becomes thinner in the direction perpendicular to the longitudinal axis without becoming longer decreasing the pH value below 9.5.

=> FILE REGISTRY

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		3.75	15.61

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DICTIONARY FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> S EVTSV/SQEP

1 EVTSV/SQEP

84198 SQL=5

L3 1 EVTSV/SQEP

(EVTSV/SQEP AND SQL=5)

=> FILE CAPLUS

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		8.13	23.74

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FILE COVERS 1907 - 10 Mar 2009 VOL 150 ISS 11  
FILE LAST UPDATED: 9 Mar 2009 (20090309/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L3

L4 1 L3

=> D BIB AB

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2004:213310 CAPLUS <<LOGINID::20090310>>  
DN 140:266527  
TI Calcium-dependent contractile protein complexes from plants as molecular machines  
IN Knoblauch, Michael; Pruefer, Dirk  
PA Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung e.V., Germany

SO Eur. Pat. Appl., 22 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1398321	A1	20040317	EP 2003-20183	20030905
EP 1398321	B1	20060405		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
DE 10241681	A1	20040325	DE 2002-10241681	20020909
AT 322504	T	20060415	AT 2003-20183	20030905
US 20090012262	A1	20090108	US 2003-605104	20030909
PRAI DE 2002-10241681	A	20020909		

AB Protein complexes from plant, called forisomes, that form elongated structures that contract along the long axis in an ATP-independent manner in the presence of calcium are described. These complexes can also expand along the short axis at an elevated pH (9.5). The complexes obtained from members of the Fabaceae are crystalloids of the P protein of the phloem. Isolation of the complex from the phloem of 7-8 wk seedlings of *Vicia faba* by equilibrium centrifugation in Nycodenz is demonstrated.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FULL ESTIMATED COST		4.00	27.74
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL			
	ENTRY	SESSION	
CA SUBSCRIBER PRICE		-0.82	-0.82

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DICTIONARY FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4

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experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> S VMEVSWHYK/SQEP  
1 VMEVSWHYK/SQEP  
150899 SQL=9  
L5 1 VMEVSWHYK/SQEP  
(VMEVSWHYK/SQEP AND SQL=9)

=> S ATDP/SQEP  
1 ATDP/SQEP  
83707 SQL=4  
L6 1 ATDP/SQEP  
(ATDP/SQEP AND SQL=4)

=> FILE CAPLUS			
COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		16.26	44.00
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE			
TOTAL	ENTRY	SESSION	
CA SUBSCRIBER PRICE		0.00	-0.82

FILE 'CAPLUS' ENTERED AT 10:37:46 ON 10 MAR 2009  
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FILE COVERS 1907 - 10 Mar 2009 VOL 150 ISS 11  
FILE LAST UPDATED: 9 Mar 2009 (20090309/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L5

L7 1 L5

=> D BIB AB

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2004:213310 CAPLUS <<LOGINID::20090310>>

DN 140:266527

TI Calcium-dependent contractile protein complexes from plants as molecular machines

IN Knoblauch, Michael; Pruefer, Dirk

PA Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung e.V., Germany

SO Eur. Pat. Appl., 22 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1398321	A1	20040317	EP 2003-20183	20030905
EP 1398321	B1	20060405		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
DE 10241681	A1	20040325	DE 2002-10241681	20020909

AT 322504            T    20060415    AT 2003-20183            20030905  
 US 20090012262      A1   20090108    US 2003-605104            20030909  
 PRAI DE 2002-10241681    A    20020909  
 AB Protein complexes from plant, called forisomes, that form elongated  
 structures that contract along the long axis in an ATP-independent manner  
 in the presence of calcium are described. These complexes can also expand  
 along the short axis at an elevated pH (9.5). The complexes obtained from  
 members of the Fabaceae are crystalloids of the P protein of the phloem.  
 Isolation of the complex from the phloem of 7-8 wk seedlings of Vicia faba  
 by equilibrium centrifugation in Nycodenz is demonstrated.  
 RE.CNT 5    THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> S L6  
 L8            1 L6

=> D BIB AB

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2004:213310 CAPLUS <<LOGINID::20090310>>  
 DN 140:266527  
 TI Calcium-dependent contractile protein complexes from plants as molecular  
 machines  
 IN Knoblauch, Michael; Pruefer, Dirk  
 PA Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung e.V.,  
 Germany  
 SO Eur. Pat. Appl., 22 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA German  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI EP 1398321	A1	20040317	EP 2003-20183	20030905
EP 1398321	B1	20060405		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
DE 10241681	A1	20040325	DE 2002-10241681	20020909
AT 322504	T	20060415	AT 2003-20183	20030905
US 20090012262	A1	20090108	US 2003-605104	20030909
PRAI DE 2002-10241681	A	20020909		

AB Protein complexes from plant, called forisomes, that form elongated  
 structures that contract along the long axis in an ATP-independent manner  
 in the presence of calcium are described. These complexes can also expand

along the short axis at an elevated pH (9.5). The complexes obtained from members of the Fabaceae are crystalloids of the P protein of the phloem. Isolation of the complex from the phloem of 7-8 wk seedlings of *Vicia faba* by equilibrium centrifugation in Nycodenz is demonstrated.

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=> LOGOFF Y

STN INTERNATIONAL LOGOFF AT 10:38:20 ON 10 MAR 2009